FCGPS for Motorola Guide

Table of Contents

Disclaimer..... 1

1. Preface 2

2.1 GPS Setup 4
2.2 Uninstalling FCGPS 6
2.3 Installing FCGPS 10
2.4 Registration Setup 20
2.5 Power Up Setup..... 25

Appendix A: List of available Motorola Phones for FCGPS 26

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1. Preface

FCGPS is the handheld component of the Fleet Complete GPS tracking solution. **With** FCGPS**, you have immediate access to accurate location information on your mobile workers**.

The following prerequisites are required for FCGPS to be setup on your handheld device.

Hardware

- Motorola iDEN phone. Please see Appendix A for list of viable Motorola iDEN phones
- Connector data cable between Motorola iDEN phone and computer (if installing through your computer and not Over-The-Air). See Section 2.3.2 for more details.

Software

- FCGPS installed on your handheld.
- Motorola Java Application Loader installed on your computer (if installing through your computer and not Over-The-Air). See Section 2.3.2 for more details.

Data Plan

Please ensure you have the right Data Plan as per your telecommunications provider. Contact your Fleet Complete Sales Representative for further details. The FCGPS application will not be able to transmit data from the phone if the correct Data Plan is not setup.

Naming Convention

If you have the FCGPS application installed on your handheld, the application is displayed under the name *FleetGPS* on the handheld

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2. MOTOROLA iDEN SETUP & USAGE

This section details the installation and setup of the FCGPS application on the Motorola iDEN phones.

The figure below displays a Motorola phone:

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2.1 GPS Setup

This section details how to setup the GPS mode to be **unrestricted** on the phone. If this option is not selected, the GPS will not function correctly, and Fleet Complete will not be able to locate the phone consistently.

☞ **Note**	Steps for the GPS setup may be slightly different for different models of Motorola handhelds.

Checklist for GPS setup

- Turn phone on.
- Press the *Menu* button (press *More* option if present).
- Select *GPS* option
- Select *Privacy* option
- Set to *Unrestricted*.
- Press the *End Call* button

The complete instructions for setup are given below:

1. Turn on your Motorola phone using the *Power* button .
2. The screen similar to the figure below appears. Press the *Menu* button .

3. The screen showing the various options available appears.
4. If you see the *More* option, select it.
5. Select the *GPS* option and press the *OK* button .
6. The GPS screen appears. Using the arrow keys, select the *Privacy* option and press the *OK* button .

7. The Privacy screen appears. Using the arrow keys, select the *Unrestricted* option and press the *OK* button . A checkmark appears next to the option and the screen exits to the previous screen.

8. The previous screen appears. Press the *End Call* button to return to the Main Menu screen.

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2.2 Uninstalling FCDISPATCH

This section details uninstalling FCGPS if an older version has been installed on your Motorola handheld. Please contact the Fleet Complete Technical Support Team to find out what version number is the latest version.

☞ **Note**	Steps for uninstalling FCGPS may be slightly different for different models of Motorola handhelds than documented in this manual.

☞ **Note**	The term FCGPS refers to the entire business solution for handhelds, including the communication link with Fleet Complete on the workstation computer. *FleetGPS* is the name of the FCGPS solution on the handheld. This section will help you uninstall *FleetGPS* from your handheld.

1. Please contact the Fleet Complete Technical Support Team to find out what version number is the latest version. You can also visit the download site for the latest version at
   http://downloads.fleetcomplete.com/iden/motorola/FCGPS/setup.zip
   Please see Section 2.3.2: Installing FCGPS through Site Download.
2. Turn on your Motorola phone using the *Power* button .
3. The screen similar to that in the figure below appears. Press the *Menu* button .

4. In the screen that appears, use the arrow buttons, and select the Java Apps icon. Press the *OK* button

5. If you do not see the *FleetGPS* icon, you do not have a previous version of FCGPS installed. Please jump to Section 2.3: Installing FCGPS.

   If the *FleetGPS* icon is present, or you see the application *FleetGPS* listed, you may have a previous version of *FleetGPS* installed. Using the arrow keys, select the *FleetGPS* icon as shown in the figure below.

6. Push the upper left button to select *About*.
7. In the next screen, push the upper left button to select *Next* and check the version number.
8. Please note the version number. If it is a later version or the same version, please go to Section 2.4: Registering FCGPS. If it is an earlier version than the version number you found in Step 1, go to step 9.
9. To get back to the Java Apps screen, push the *Next* button, and then on the next screen, push the *Next* button again. Finally, you will get a screen that displays the *Done* button. Please push this *Done* button to return to the Java Apps screen.
10. Select the *FleetGPS* icon again.
11. Press the *Menu* button . The list of options appears as shown in the figure below. Using the arrow buttons, select the *Deinstall* option and press the *OK* button
.

12. The prompt message *"End all running applications?"* will appear if *FleetGPS* is still running. Press the upper left button to select the *"Yes"* option.

13. The screen listing the list of all running applications to be stopped will appear. Press the upper right button to select the *"Finish"* option.

14. The prompt message *"Are you sure you want to deinstall FleetGPS?"* will appear. Press the upper left button to select the *"Yes"* option. The *FleetGPS* application will deinstall.

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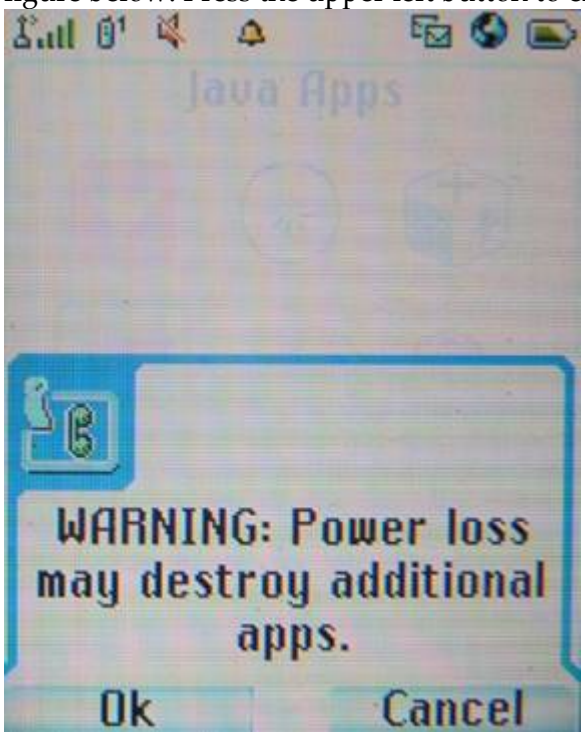
☞ Note

You may receive the following warning message *"Warning: Power loss may destroy additional apps."* As shown in the figure below. Press the upper left button to enter *"Ok"*.



15. The *FleetGPS* application will deinstall. Once uninstallation is completed, press the upper right button to enter "*Done*".

16. Press the *End Call* button to come back to the Main screen.

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2.3 Installing FCGPS

There are two ways to install FCGPS: Over-The-Air directly on the Motorola handheld (Section 2.3.1) itself, or through the computer (Section 2.3.2).

2.3.1 Installing FCGPS through Over-The-Air

This section details how to install FCGPS through the Over-The-Air (OTA) service. Please note that there are two instruction sets: Step 2 is for newer Motorola phones such as the i870. Step 3 is for older Motorola phones such as the i265 and the i355. After you have completed Step 2 or Step 3, you must proceed to Step 4.

1. From the Main screen as shown in the figure below, press the *Menu* button .

2. **For newer model such as the Motorola Phones i870**:
   a. Using the arrow keys, select the *Java Apps* icon. Press the *OK* button .
   b. If the FCGPS icon, labeled *FleetGPS* is present, please refer to Section 2.2: Uninstalling FCGPS to find out whether this is the latest version of *FleetGPS*. If it is not the latest version, you will have to uninstall FCDispatch first and then install again.
   c. Using the arrow keys, select the *Get New* icon. Press the *OK* button .
   d. Do not press any phone buttons when the loading screen appears.
   e. In the screen that appears next, use the arrow keys, and scroll down to the option, *Tools & Applications* . Press the *OK* button .
   f. Using the arrow keys, scroll down to the option, *GPS Services* and press the *OK* button .
   g. Using the arrow keys, scroll down to the option labeled *FleetGPS* and press the *OK* button .

h. Using the arrow keys, scroll down to the option, *Own it!* and press the *OK* button .

i. The *Terms & Conditions* screen appears. Please read the content carefully. After you are finished, use the arrow keys to select the *Yes* option if you agree to the terms and condition, and press the *OK* button .

☞ **Note**	If you **do not** agree to the terms and conditions, select the *No* option and press the *OK* button. Please contact your Fleet Complete Sales Representative in this case.

j. Select the *download now* option and press the *OK* button .

k. The pop up screen appears. Note the version number and ensure you are downloading the correct version of FCGPS. To download the application, press the upper left button for the *Download* option.

l. You may receive the *"You downloaded a newer version of this application on 20xx/xx/xx. Proceed with download?"* (Where x is a number).

m. Press the upper left button to select the *Yes* option.

n. The *Downloading status* screen appears. Do not press any buttons on the phone during this time.

o. After downloading is complete, the installation process is launched automatically. You should wait for this process to finish.

p. When installation is completed, use the upper right button to select the *Done* option.

q. Go to Section 2.4: Registration Setup.

3. **For older model Motorola Phones such as the i265, i355**:

a. Using the arrow keys, select the *Java Apps* icon. Press the *OK* button .

b. If the FCGPS icon, labeled *FleetGPS* is present, please refer to Section 2.2: Uninstalling FCGPS to find out whether this is the latest version of *FleetGPS*. If it is not the latest version, you will have to uninstall FCGPS first and then install again.

c. Using the arrow keys, select the *Download Apps* icon. Press the *OK* button .

d. Do not press any phone buttons when the loading screen appears.

e. Using the arrow keys, scroll down to the option, *Free/Demo* and press the *OK* button .

f. Using the arrow keys, scroll down to the option labeled *FleetGPS* and press the *OK* button .

g. The AppDetails screen appears. Press the upper left button on your phone to select the option, *Get it*.

h. You may receive the *"You downloaded a newer version of this application on 20xx/xx/xx. Proceed with download?"* (where x is a number).

i. Press the button on the upper left corner to select the *Yes* option.

j. The *Downloading status* screen appears. Do not press any buttons on the phone during this time.

k. After downloading is complete, you may receive the message stating *"FleetGPS saved. Exit or return to the home page"*. Press the *Exit* option to exit to the Main screen.

l. Press the *Menu* button . Using the arrow keys, select the *Java Apps* icon. Press the *OK* button .

m. The *FleetGPS* icon should now be present or you should see the application *FleetGPS* listed. Select it and press the *OK* button .

n. The installation process is launched. You should wait for this process to finish.

o. When installation is completed, use the upper right button to select the *Done* option.

p. Go to Section 2.4: Registration Setup.

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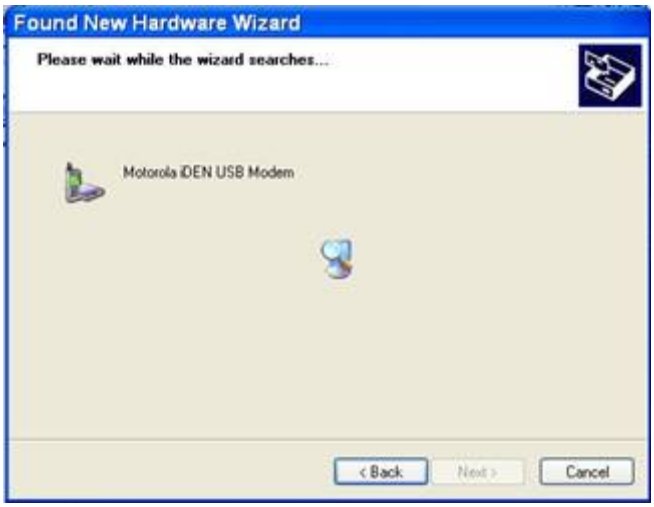
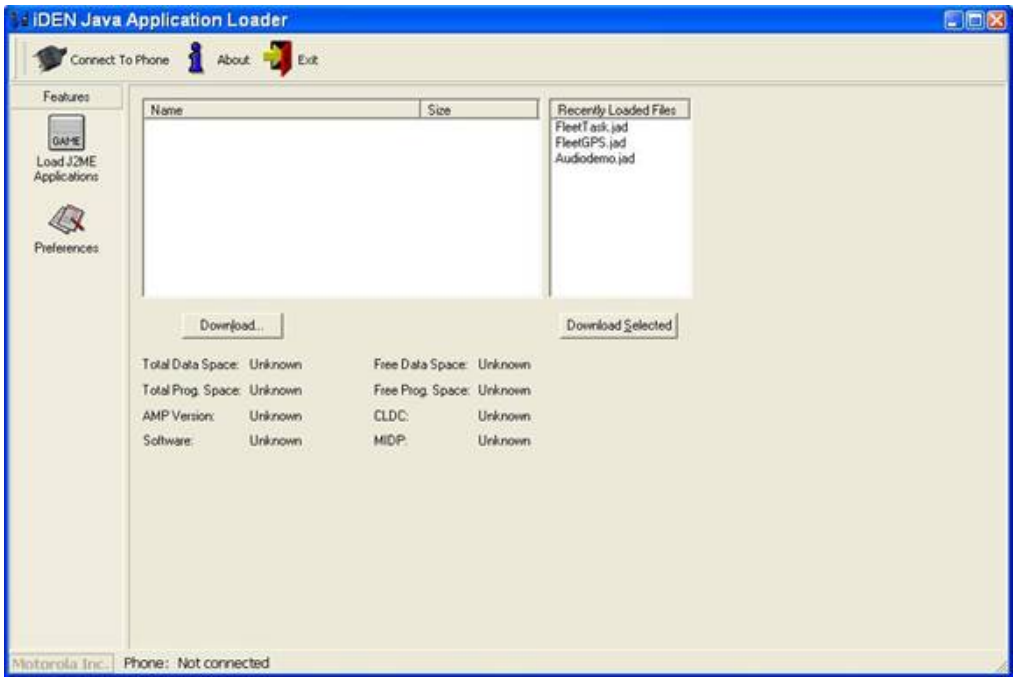
2.3.2 Installing FCGPS through Site Download

This section details how to install FCGPS through from the Fleet Complete site.

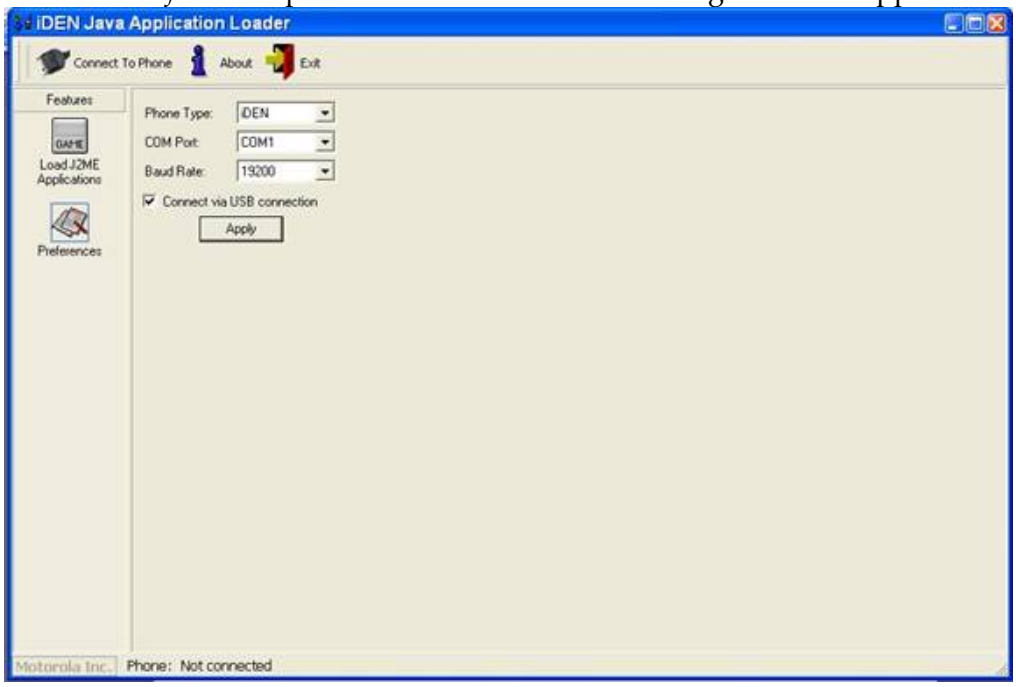
1. Ensure you have a handheld connector data cable that will connect your Motorola handheld to the USB port on your computer. The older Motorola handhelds may have a serial connector as well.
2. You will need to download the Motorola Java Application Loader. Please use your browser to go to the site http://developer.motorola.com/docstools/idenjal/openJAL/ for more details. You will need to register this application.
3. From your computer, you can now bring up your web browser. Visit the download site at http://downloads.fleetcomplete.com/iden/motorola/FCGPS/setup.zip and download this zip file to a folder on your computer.
4. Unzip the zip file to extract all the files to another folder. You must ensure you have a *FleetGPS.jad* file in this folder.
5. Attach the connecting data cable to your Motorola phone and your computer. If this is the first time you are connecting the phone to the computer, you should now see the message as shown in the figure below.



6. The Windows operating system on your computer is now trying to locate drivers for your Motorola handheld. Please wait while these drivers are being located and installed.
7. Start up the Java Application Loader. You should see a screen similar to the figure below.



8. Click the *Preferences* option. The screen shown in the figure below appears.



9. Ensure that your preferences are set exactly as described in the figure above. If you are connecting through a USB port, ensure the *Connect via USB connection* is checked. If not connecting through a USB port, ensure the *Connect via USB connection* is not checked.

10. Click the *Load J2ME Applications* to come back to the main screen.

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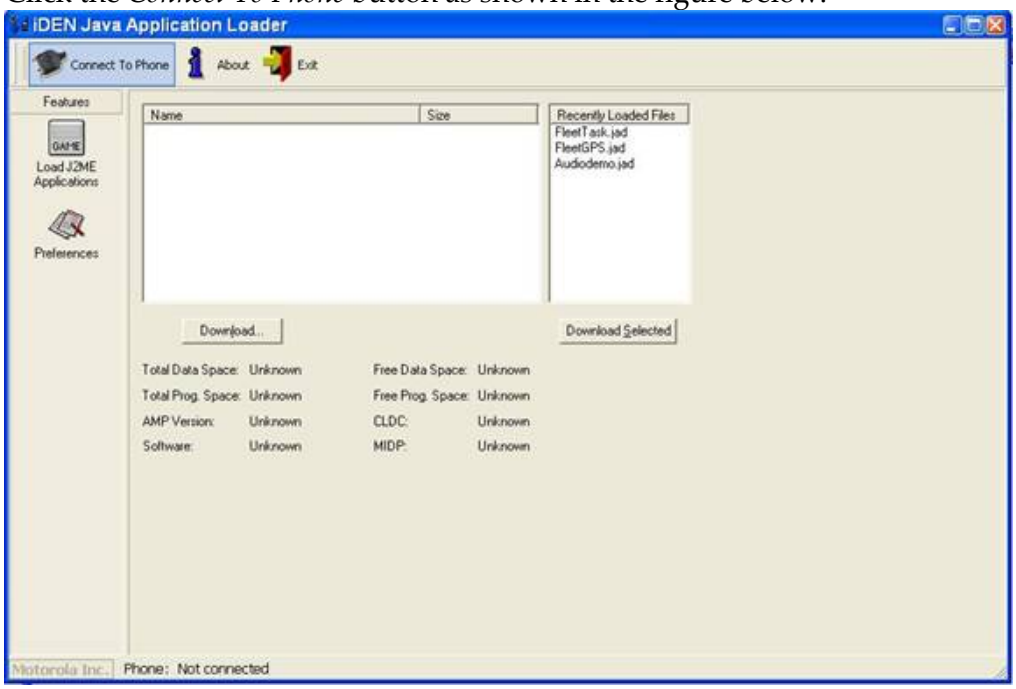
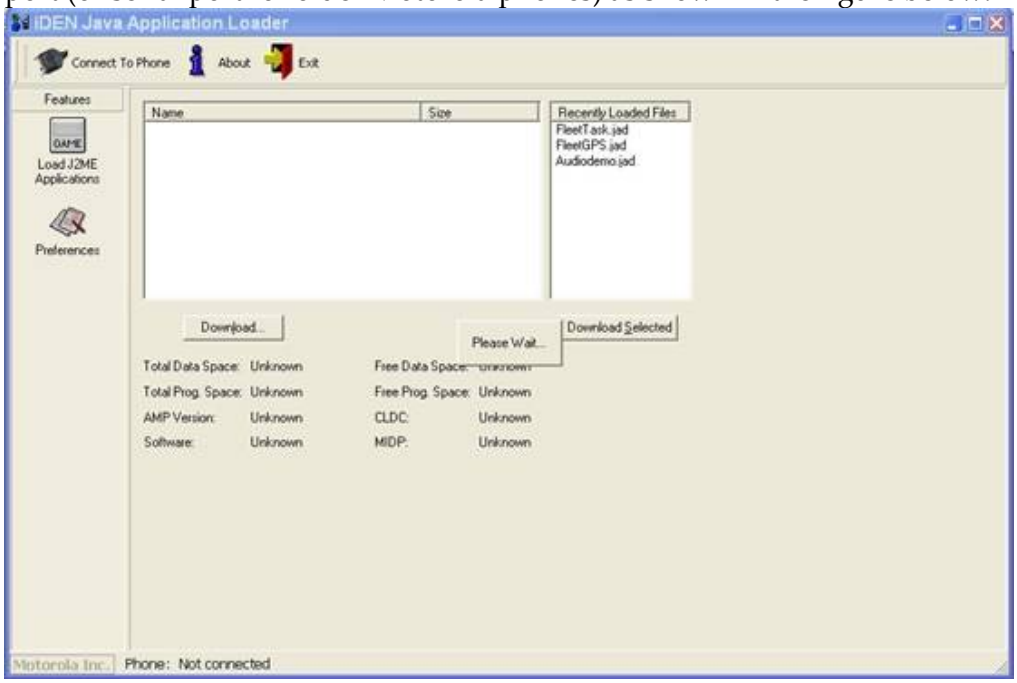
11. Click the *Connect To Phone* button as shown in the figure below.



12. The application is searching for your Motorola handheld on the computer's USB port (or serial port for older Motorola phones) as shown in the figure below.



13. Once the phone has connected, if you have not used the Java Application Loader to install FCGPS, the *Recently Loaded Files* section may appear blank. In addition, if you see the *FleetGPS.jad* listed under the *Name* section, please go to the Section 2.2: Uninstalling FCGPS.

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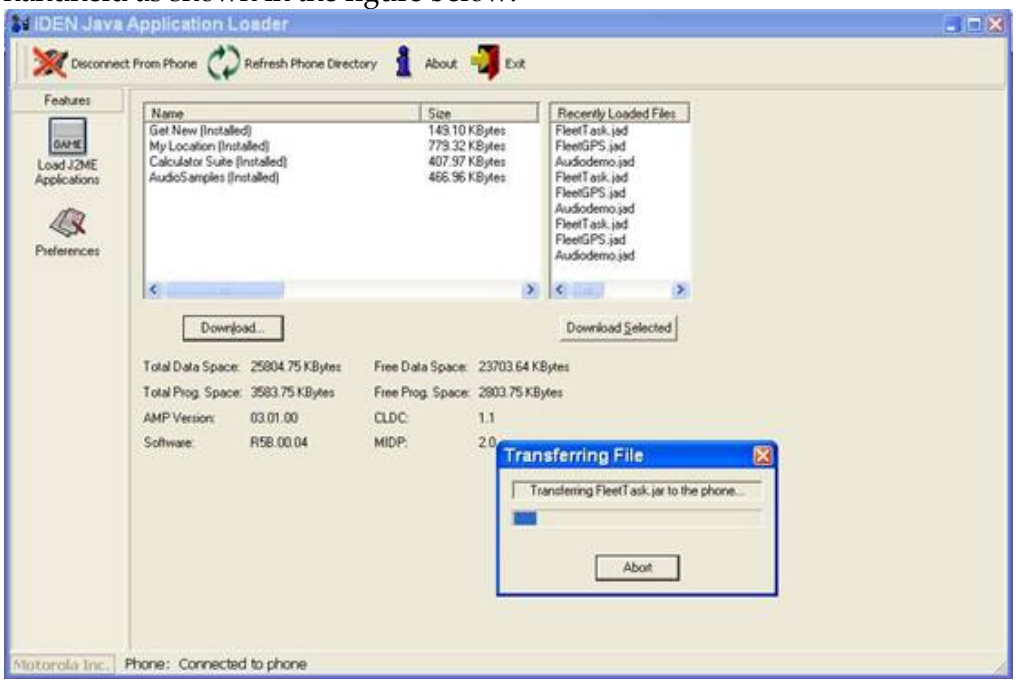
14. If you do not see the *FleetGPS.jad* listed under the *Name* section, click the *Download* button. The screen shown in the figure below appears prompting you to select a file.

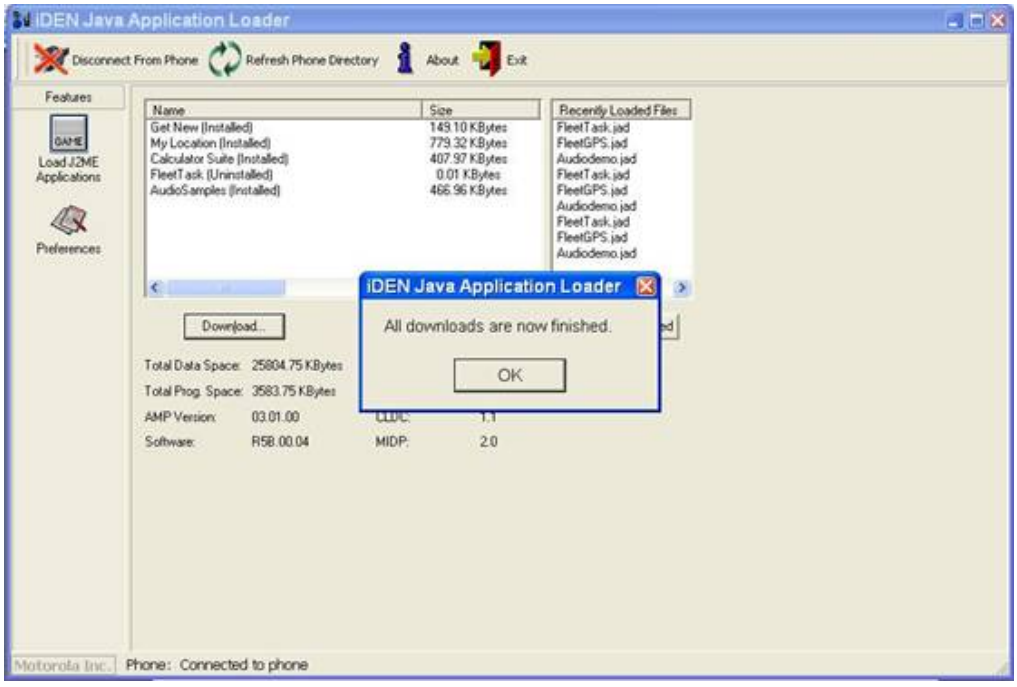
15. Select the *FleetGPS.jad* file that you downloaded in step 4 as shown in the figure below.

16. Click the *Open* button

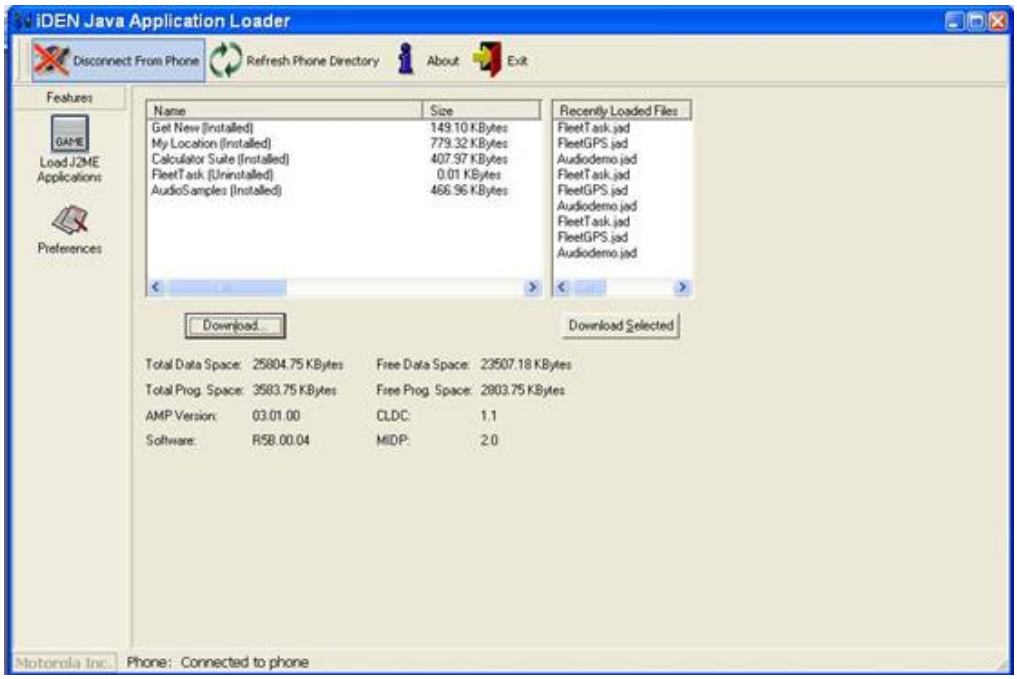
17. The application now begins loading FCGPS application to the Motorola handheld as shown in the figure below.



18. Once completed, you should see the prompt as in the figure below. Click the *OK* button.



19. You should now see *FleetGPS* listed in the *Name* section as shown in the figure below.



20. Click the *Disconnect From Phone* button. You can now unplug your Motorola handheld from the computer.

    For users of the **older Motorola phones** (such as the i265, i355), please see steps **24 – 28**.

    For users of the **newer Motorola phones** (such as the i870), please see steps **21 – 23**.

21. You will see that the installation process has been launched automatically. You should wait for this process to finish.
22. When installation is completed, use the upper right button to select the *Done* option.
23. Go to Section 2.4: Registration Setup.

    For users of the **older Motorola phones** (such as the i265, i355), please see steps **24 – 28**.

24. On the Main screen of the Motorola handheld, press the *Menu* button and using the arrow keys, select the *Java Apps* icon. Press the *OK* button .
25. The *FleetGPS* icon should now be present or you should see the application *FleetGPS* listed. Select it and press the *OK* button .

26. The installation process is launched. You should wait for this process to finish.
27. When installation is completed, use the upper right button to select the *Done* option.
28. Go to Section 2.4: Registration Setup.

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2.4 Registration Setup

This section details how to register the FCGPS application with the Fleet Complete servers.

☞ **Note**	If you press an incorrect key or fill in the wrong input when entering information on the Motorola iDEN handheld, you can use the button to erase the input. It is the equivalent of a backspace on your computer keyboard.

1. From the Main screen as shown in the figure below, press the *Menu* button .

2. Using the arrow keys, select the *Java Apps* icon. Press the *OK* button .

3. If the *FleetGPS* icon is not present, or you do not see the application *FleetGPS* listed, please go back to Section 2.3: Installing FCGPS.

   If the *FleetGPS* icon is present, or you see the application *FleetGPS* listed, please use the arrow keys to select *FleetGPS* and press the *OK* button .

4. The *Login* screen shown in the figure below appears.

5. You must first change the input type to *Numeric* before you can fill in the password, *0863*. To do this, press the *Menu* button .
6. Please use the arrow keys to select *Numeric* and press the *OK* button .
7. You will now be taken back to the password screen.
8. Using the number pad, type in the password *0863* as shown in the figure below. If you press an incorrect key, you can use the button to erase the input.

9. Press the *OK* button or press the upper right button to select the *Go* option once you have filled in the correct password.
10. The *Registration* screen shown in the figure below appears.

Client ID: This is your four digit Fleet Complete client number. Please contact the Fleet Complete Technical Support Team if you do not have this information.

For example, 1705

You can use the number pad to fill in this information directly. Press the Down arrow key once you have filled in this information similar to the figure below.

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Device ID: This is the phone number of the Motorola phone you are setting up. You must enter the number in the format: xxx-xxx-xxxx

For example, 555-555-5555

a. You must select the *Numeric* input type to fill in the first three digits.

   Press the Menu button and in the screen that appears, use the arrow keys to select the *Numeric* option.

b. You can now fill in the first three digits.

c. Once the first three digits have been entered, you must fill in the hyphen.

   Press the *Menu* button and in the screen that appears, use the arrow keys to select the *Symbols* option.

d. The screen will appear giving you a list of symbols to choose from. Use the arrow keys to select the '-', then press the *OK* button .

e. This will insert the hyphen into the text box. Press the upper left button to select the *Done* option.

f. You will be returned to the Registration screen with the hyphen inserted after the first three numbers.

g. You can now enter the next three numbers using the number pad.

h. You must fill in the second hyphen (-). Press the Menu button and in the screen that appears, use the arrow keys to select the *Symbols* option.

i. The screen will appear giving you a list of symbols to choose from. Use the arrow keys to select the '-', then press the *OK* button .

j. This will insert the hyphen into the text box. Press the upper left button to select the *Done* option.

k. You will be returned to the Registration screen with the hyphen inserted at the end of your input.

l. Fill in the last four numbers of your phone number.

m. Press the *Down* arrow button to move to the next field.

Host URL: This is the web address of the Fleet Complete site. If it is not already populated by default, you must fill in http://hosted.fleetcomplete.com

a. To fill in this input, press the Menu button and in the screen that appears, use the arrow keys to select the *Alpha* option.

b. If the *http://* is already in the field, please go to step g).

   If the *http://* is not already in the field, you can now type in the 'http' input. Once this is done, you must select the symbols option again to fill in '://'. Press the *Menu* button and in the screen that appears, use the arrow keys to select the *Symbols* option.

c. The screen will appear giving you a list of symbols to choose from. Use the arrow keys to select the ':', then press the *OK* button .

d. This will insert the ':' into the text box. Use the arrow keys to select the '/', then press the *OK* button . Press the *OK* button to insert it a second time.

e. Press the upper left button to select the *Done* option.

f. You will be returned to the Registration screen with the following input.

g. Fill in *hosted* after the "://". You must now enter the period (.). To do this, press the key until you see the period (.) appear.

h. Fill in *fleetcomplete* after the ".". You must now enter the period again. To do this, press the key until you see the period i.e. '.' appear.

i. Fill in *com* after the ".".

10. You can now click the upper right button to select the *Go* option.

11. The screen shown in the figure below appears. Your handheld is now sending information to the Fleet Complete server.

12. The next screen you see is dependent on whether your registration is successful or not:
    - If the registration is successful, you should now press the left button to select the "OK" option. You will then be taken to the Suspended screen. You should press the *End Call* button to go to the Main screen. If you turn off your phone, and then turn it on again, you will see a Suspended Apps screen on startup. Please press the *End Call* button to go to the Main screen. Do not press any other button.
    - If the registration is unsuccessful, please contact the Fleet Complete Support Team.

2.5 Power Up Setup

This section details how to set up the FCGPS application to run automatically when your handheld device is powered on.

Checklist for Power Up setup

- Turn phone on.
- Press the *Menu* button
- Select *Settings (*if you do not see the Settings option initially, select *More* instead).
- Select *Personalize.*
- Select *Power Up.*
- Press the *OK* button to bring up the list of applications.
- Scroll up and down using the up and down arrow keys to select *FleetGPS*.
- Press the *OK* button .
- Press the *End Call* button .

The complete instructions for setup are given below:

1. From the Main Menu screen, press the *Menu* button .
2. The screen showing the various options available appears. Select the *Settings* option. If you do not see the *Settings* option initially, select *More*, and then select the *Settings* option.
3. Select the *Personalize* option and press the *OK* button .
4. Next, scroll to the *Power Up* option and press the *OK* button .
5. In the Power Up screen, you may now select press the *OK* button to bring up the list of applications. Using the up and down arrow keys, select the *FleetGPS* option and press the *OK* button .
6. Press the *End Call* button to return to the Main Menu screen.

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Appendix A: List of available Motorola Phones for FCGPS

FCGPS may be installed on any Motorola iDEN phone with the ability to support GPS technology and load Java applications. The current list of Motorola phone available for the FCGPS application is given below. This list will be updated as new Motorola iDEN phones become available:

- Motorola i265
- Motorola i305
- Motorola i315
- Motorola i325
- Motorola i355
- Motorola i560
- Motorola i605
- Motorola i615
- Motorola i690
- Motorola i730
- Motorola i760
- Motorola i830
- Motorola i833
- Motorola i857
- Motorola i860
- Motorola i870
- Motorola i880
- Motorola i885

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